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11/16/11—The following letter was received in Consumer Services office and is to be added to the opinion Mr. Ives filed 11/1/11 in the APS rate case. With this letter was a detailed accounting of exactly what equipment he lost in what he believes was the aftermath of a Smart Meter installation at his home. His total loss amounted to \$3,000.

Arizona Corporation Commission

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Ms. Stoeller,

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Pursuant to our telephone discussion, I'm sending you the details of the problems I had, and the damages caused by APS when replacing my electric meter with a Smart Meter that I not only didn't request, but do not want. I am deeply disappointed that the Corporation Commission has allowed APS to violate everyone's privacy by allowing the installation of Smart Meters. No disrespect intended, but clearly the members of the commission have not done enough research into Smart Meters. While I understand the savings from eliminating the jobs of meter readers, and the vehicle costs associated with driving all over the valley, if that's what the utility companies really wanted, all they needed was a Dumb Meter that transmitted your usage once a month wirelessly. That's not what a Smart meter does. It does the following:

1. They individually identify electrical devices inside the home and record when they are operated causing invasion of privacy. This is none of their business.
2. They monitor household activity and occupancy in violation of rights and domestic security.
3. They transmit wireless signals which may be intercepted by unauthorized and unknown parties. Those signals can be used to monitor behavior and occupancy and they can be used by criminals to aid criminal activity against the occupants. Why don't we just hang a sign on our houses advertising when we are away to make it easier for home invaders?
4. Data about occupant's daily habits and activities are collected, recorded and stored in permanent databases which are accessed by parties not authorized or invited to know and share that private data by those who's activities were recorded.
5. Those with access to the smart meter databases can review a permanent history of household activities complete with calendar and time-of-day metrics to gain a highly invasive and detailed view of the lives of the occupants.
6. Those databases may be shared with, or fall into the hands of criminals, blackmailers, corrupt law enforcement, private hackers of wireless transmissions, power company employees, and other unidentified parties who may act against the interests of the occupants under metered surveillance.
7. "Smart Meters" are, by definition, surveillance devices which violate Federal and State wiretapping laws by recording and storing databases of private and personal activities and

behaviors without the consent or knowledge of those people who are monitored.

8. It is possible for example, with analysis of certain "Smart Meter" data, for unauthorized and distant parties to determine medical conditions, sexual activities, physical locations of persons within the home, vacancy patterns and personal information and habits of the occupants.

9.

Electromagnetic and Radio Frequency energy contamination from smart meters exceeds allowable safe and healthful limits for domestic environments as determined by the EPA and other scientific programs.

Why do they need all of this data? The truth is, they don't... at least not for any legitimate utility company functions.

While APS has attempted to calm any fears about what is being collected, the truth is that they have not adequately disclosed the particular recording and transmission capabilities of the smart meter, or the extent of the data that will be recorded, stored and shared, or the purposes to which the data will and will not be put. Nor have they committed to limit any future enhancements to such capability. So one has to ask, why not build a simple wireless meter that does not violate everyone's privacy? Because they don't want to. They have become enamored with the "Google model"... gathering every last bit of information they can. Why would they need that? Only one reason... to sell or trade it. While they claim they do not sell it, that may change in time, and besides, there are plenty of ways to profit from this info, without directly "selling it". More to the point, there are plenty of ways for it to fall into the wrong hands.

Still, perhaps the most irritating part is that APS has informed me that my rates will be increasing under the new rate plan they have applied for, since I don't want to take a Smart Meter. Let's see if I have this right? They create a problem, and then they charge additional money to anyone who wants to avoid being subjected to the problem? Is APS now the "Pied Piper"? Moreover, is the Corporation Commission in the business of allowing the Utilities to grow weeds, simply so they have something to pull?

I wish to be allowed to speak at the next rate hearing, regarding these "higher rates" for people who do not want to have their privacy violated, or their civil rights abused. Please keep me informed as to when that will occur. I would also like to be present at any meetings that discuss Smart Meters.

Mitch Ives